FEATURES

- The TGS100 active target, exclusive to Akkerman, is a light sensitive target located in the rear of the MTBM.
- The active target reads the laser beam and transmits the x and y coordinates and inclines within the machine to interface with the control console screen via the computer in the control container.
- Two inclinometers are mounted, one in the target and one in the MTBM, to measure the degree of incline. These inclinometers are redundant so in the event one fails during the drive, the MTBM incline will continue to be monitored.
- The target screen displays the current and projected cutter head position based on the target x and y coordinates in addition to the MTBM incline and roll.
- All critical tunneling data is shown by means of graphical and numeric meter displays.
- The guidance system includes data logging and report generation software.